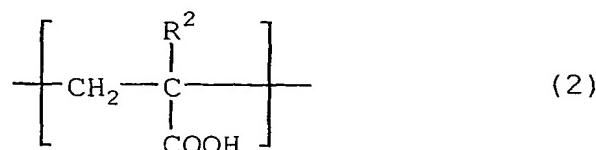
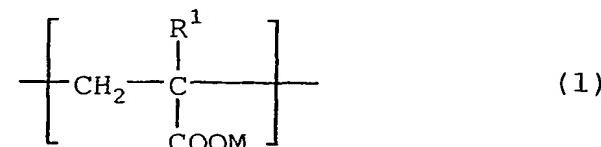


CLAIMS

1. An adhesive composition for dermal patch, comprising
 (A) a (meth)acrylic acid-base polymer having repeating units
 5 represented by formulae (1) and (2):

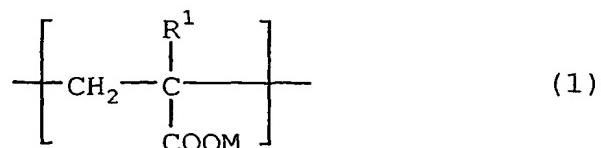


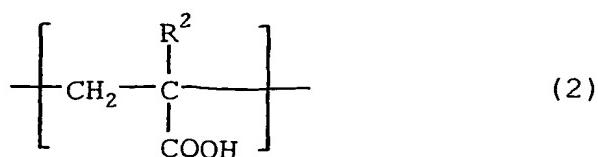
wherein R¹ and R² each independently represents a hydrogen atom or a methyl group and M represents NH₄⁺ or an alkali metal,

with a ratio of (1)/(2) being in a range from 100/0 to 90/10 (by mol), (B) water, (C) a polyhydric alcohol and (D) an aluminum compound, with the content of (B) water being from 5 to 30 mass%.

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2. The adhesive composition for dermal patch as claimed in claim 1, wherein (A) the (meth)acrylic acid-base polymer having repeating units represented by formulae (1) and (2) has a viscosity of 400 mPa·s or more in 0.2 mass% aqueous solution.





(All the symbols have the same meaning as defined in claim 1.)

5 3. The adhesive composition for dermal patch as
claimed in claim 1, wherein the polyhydric alcohol is a
trivalent or of a higher valence.

10 4. The adhesive composition for dermal patch as
claimed in claim 3, wherein the polyhydric alcohol is
glycerin.

15 5. The adhesive composition for dermal patch as
claimed in claim 1, wherein the polyhydric alcohol content is
from 40 to 94.5 mass% based on the entire amount of the
composition.

20 6. The adhesive composition for dermal patch as
claimed in claim 1, wherein a water-soluble aluminum compound
and a magnesium hydroxide aluminum hydroxide co-precipitate
are used in combination as the aluminum compound.

25 7. The adhesive composition for dermal patch as
claimed in claim 1, wherein the aluminum compound content is
from 0.01 to 20 mass% based on the entire amount of the

composition.

8. The adhesive composition for dermal patch as claimed in claim 1, which further comprises (E) a polymer 5 compound having high affinity for the polyhydric alcohol.

9. The adhesive composition for dermal patch as claimed in claim 8, wherein (E) the polymer compound having high affinity for the polyhydric alcohol is at least one 10 member selected from the group consisting of a carboxyvinyl polymer and an N-vinylacetamide-sodium acrylate copolymer.

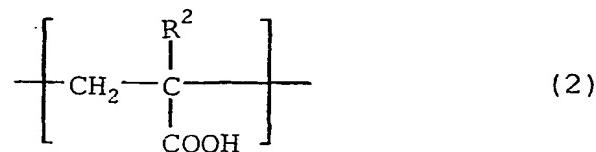
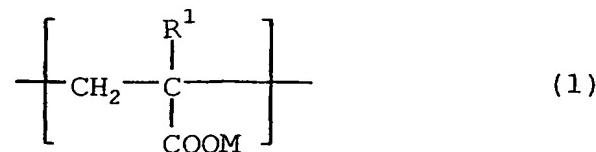
10. The adhesive composition for dermal patch as claimed in claim 8 or 9, wherein the content of the polymer 15 compound having high affinity for the polyhydric alcohol is from 0.01 to 20 mass% based on the entire amount of the composition.

11. The adhesive composition for dermal patch as 20 claimed in any one of claims 1 to 10, which comprises diclofenac sodium as a pharmaceutically active ingredient.

12. The adhesive composition for dermal patch as claimed in any one of claims 1 to 10, which comprises 25 capsaicin as a pharmaceutically active ingredient.

13. A process for producing an adhesive composition

for dermal patch, the adhesive composition comprising, as essential components, (A) a (meth)acrylic acid-base polymer having repeating units represented by formulae (1) and (2):



(All the symbols have the same meaning as in claim 1.)

with a ratio of (1)/(2) being in a range from 100/0 to 90/10 (by mol), (B) water, (C) a polyhydric alcohol and (D) an aluminum compound and comprising, if desired, (E) a polymer compound having high affinity for the polyhydric alcohol, with the content of (B) water being from 5 to 30 mass% above, wherein (A) the (meth)acrylic acid-base polymer and a solution of (C) the polyhydric alcohol in (B) water are mixed to give a water concentration of 50% or more in the total mass thereof and then the remaining ingredients ((C) the residual polyhydric alcohol, (D) the aluminum compound and if desired, (E) the polymer compound) are added and mixed to adjust the water concentration to a range of 5 to 30%.